| POSITION                  | INITIALS        | ID NO. | DATE   |
|---------------------------|-----------------|--------|--------|
| FEE DETERMINATION         | 1m/6            |        | 1/2/10 |
| O.I.P.E. CLASSIFIER       |                 | 27/    | 2/0/0  |
| FORMALITY REVIEW          | Ma C            | niloas | 2/0/   |
| RESPONSE FORMALITY REVIEW | <del>- X/</del> | 1.020  | 10     |

## **INDEX OF CLAIMS**

| ~ | Rejected                   | N | Non-elected  |
|---|----------------------------|---|--------------|
| = | Allowed                    | 1 | Interference |
| _ | (Through numeral) Canceled | Α | Appeal       |
| ÷ | Restricted                 | _ | Objected     |

| Clair  | n        |          | ~                 | Da  | ate      |           |  |  | 7          | C                                      | аіп        | T              |                 |         |                |  | ate      |          |              |              |          | ٦   | C             | aim        | 1        |                |               |          | D:   |          | _              |          |          |          |
|--|----------|----------|-------------------|---|----------|-----------|--|--|------------|--|------------|----------------|-----------------|---------|----------------|--|----------|----------|--------------|--------------|----------|-----|---------------|------------|----------|----------------|---------------|----------|--|----------|----------------|----------|----------|----------|
| ΙΤ,  | 3        | 7        |                   | T   | T        | Τ         | T  |  | ٦          |  | Т          | 73             | 3               | 7       | T              | T                                      | Ť        | T        | T            | T            | Τ-       | 1   | ۳             | _          | _        | Τ.             | Т             | 7-       | T  | 1        | 1              | T        | Т        | Т        |
| Final  | <b>1</b> | 30<br>0) | -                 | İ   | 1        |           | l  | lÌ   | 1          | -                                      | 2 Orioinal |                | _[4             | 9       |                | İ                                      |          | 1        | ľ            | ı            |          | 1   | 1_            | Original   | 30       | -              |               | 1        | 1  | 1        |                |          |          |          |
| Final  | 5 50     | 9        |                   |   |          |           |  | 1 1  |            | Final                                  | څ          | <u>"</u>   7   | 1               |         |                |  | -        | $\cdot$  | ļ            | Į            | 1        |     | Final         | 1.5        | 67       | 1              | 1             |          |  |          |                |          | 1        | 1        |
| 1 6  | 1)V      | =        | +                 | ╁   | ╁╴       | $\vdash$  | ┼  | ┤  | ┥          | 46                                     | ٦          | 1 1            | <del>.</del>  - | 4       | +              | +                                      | +        | +-       | ╀            | +-           | +        | ┨   | 140           | 2          | Ł        |                | +             | +-       | +-   | ┼-       |                | ┿        | - -      | +        |
| , 0  | N V      | 1        |                   | +   | -        | ┝╌        | <del>                                     </del> | ╁╾┼╴   | -          | 1/18                                   | 52         | 1 1            | 4               |         | +              | +                                      | +-       | _        | +-           | 4            | -        | _   | 89<br>70      | 10         | ¥-       | !              | ╀-            | <u> </u> | 1  | ↓_       | ļ_             |          | L        | 1        |
| _+   |          | ≐        | -                 | ┿-  | ╀        | -         | ├-   | -  | -1         | (2)                                    | 34         | Ш              | +               | ┞       | 4              | 4-                                     | $\bot$   | ┸        | +            | ┸            | 4        | 4   | 70            | 102        |          | ↓_             | 1             | L        | ┸  | ↓        | $\perp$        | _        |          | 丄        |
| 2  |          | =        | _ļ_               | _   | ┞.       | <u> </u>  | oxdot  | $oxed{oxed}$                                     | ╛          | 42                                     | 5          |                | $\perp$         | Щ       |                |  |          |          |              |              |          |     | 91            | 100        | 1        | 1              |               | 1        | 1  |          |                | Γ        | Т        |          |
|  | 4 V      | Hŀ       |                   | 4_  | ╙        | ļ.,       | $oxed{oxed}$                                     |  | 4          | 43                                     | 5          | 4              | 1               | Ц       | $\perp$        | $\perp$                                | 1_       |          |              |              | L        | ]   | 9:            | 104        | I        | Т              | Ī             | T        | 1  | 7        | Т              | 1        | T        | Τ        |
|  | 5 1.     |          |                   | _   |          |           | <u>`</u>   | Ш.   |            | 49                                     | 5          |                |                 | Ш       |                |  |          | Τ.       |              | Т            | 1        | 1   |               |            | П        |                | 1             | Τ        | Ī  | 1        | T              | T-       | 1        | T        |
|  | 6 V      | Ш        |                   |   | <u>L</u> |           |  |  |            | 49                                     | 56         | 3              |                 | П       | Т              | Τ                                      | Т        | Т        | Т            | T            | 1        | 7   | 93<br>94      | 106        |          | T              | 1             | $\vdash$ | $\top$   | 1        | T              | 1        | ✝        | 十        |
| 6  |          | <b>→</b> |                   | L.  | 1        |           |  |  | 7          | 80                                     | 5          | 71             | Τ               | П       | Т              | Т                                      | T        | $\top$   | Т            | T            | 7        |     | 95            | 107        |          |                | 1             | ✝        | t  | ✝        | t              | +        | +        | 十        |
|  | 0        |          |                   | Г   |          |           |  |  | 7          | හ<br>හ                                 | 58         | 3              | K               | 1       |                | 1                                      |          | $\top$   | ╈            | ╅            | +        | ٦.  | 96            | 108        |          | <del>  -</del> | ✝             |          | +  | $\vdash$ | +              | ╁        | +        | +        |
| 7 9  | 9 0      | =        | $\neg \vdash$     | 1   |          |           |  |  |            |  | 3          |                | ,               | 1       | $\top$         | 十                                      | 1        | 十        | +            | +            | +        | 1   | 96<br>?7      | 109        |          | +-             | 1             | -        | ╁  | ╁        | ╁              | +        | +        | +-       |
|  | 0 0      | T        | $\top$            | 1   | ✝        | -         |  |  | ┨          | হ                                      | (60        |                | =               | -       | +              | +-                                     | +        | +-       | +            | ╁╴           | +        | ╬.  | h.,           | 110        | H        | $\vdash$       | -             | ÷        | ⊬  | +-       | ╁              | +-       | +-       | +        |
| 0 1  | 17       | ++       | $\top$            | <del> </del>                                  | $\vdash$ | Н         |  |  | 1          |  |            | 什              | f               | +       | +              | +                                      | +-       | +        | ╁            | ╁            | ╁╾       | -1  | 98            | 110        |          | ├-             | ┡             | ļ÷       | ⊢  | ⊢        | ╂              | +        | ╀        | +-       |
| 1 1 12                                       |          | 11       | +-                | +   | -        | $\vdash$  | $\vdash$   | $\vdash$   | -          | 55<br>54                               | 62         |                | +               | +       | +-             | +-                                     | +        | +-       | +            | +            | +        | 4   | 99            | 111        |          | $\vdash$       | <del> -</del> |          | 1  | ┼-       | 4_             | 1        | +        | +        |
| 11   | O        | *        |                   | +   | $\vdash$ | H         |  |  | -{         | SS                                     | 63         |                | $\mathbb{H}$    | +       | +              | 1                                      | +        | +        | +            | 1            | +        | 4   | 100           |            |          | <u> </u>       | <del> </del>  | _        | $\vdash$   | 1_       | $\perp$        | $\vdash$ | ↓_       | $\perp$  |
|  |          | _        | ╁                 | +-  | $\vdash$ |           | $\vdash$   | <del>                                     </del> | -          |  |            |                | $\mathbb{H}$    | 4       | $\perp$        | +                                      |          | $\vdash$ | ╀-           | $\perp$      | $\perp$  | 1   | 101           | 113        |          | <u> </u>       | <u> </u>      | _        | $\vdash$   | L        | _              | $\perp$  | L.       | $\perp$  |
| 13 14  |          | 뒤        | +                 | +   | -        | $\square$ | $\sqcup$   |  | 4          | 56                                     |            |                | Н               | Ц.      | $\perp$        | 1                                      | $\perp$  | _        | 4_           | ┺            | ↓_       | 1   | 10:           | 114        | Ш        | _              | oxed          | L.       | _  |          |                | 1_       | L        | $\perp$  |
| 9 16   | :  -     | ++       | - 1               | 1   | $\sqcup$ | Щ         |  |  | , ,        | 28                                     | 65         |                | Ц               | 4       | $\perp$        | ــــــــــــــــــــــــــــــــــــــ | $\perp$  | 1        | 1_           | $\perp$      | 1_       | 1   | 103           | 115        | V        |                |               | L        | Ľ  |          | L              | L        | L        | $\perp$  |
| 9 16   |          | 44       |                   | <u>  -                                   </u> |          | $\Box$    |  |  |            | ஹ                                      | 66         | Ш              | Ц               | $\perp$ |                | 1_                                     | ┸        |          |              | L            |          | J   | L.            | <b>N</b> 6 | L        |                | ľ             |          |  |          |                |          | Τ        | Т        |
| 4 17   |          | 4        |                   | $\sqcup$                                      |          | Ш         | _  |  | ]^         | કો<br>કો                               | 67         | Ш              | Ц               | $\perp$ | 1              | L                                      | L        |          |              | Ĺ            | L        | ]   | 107           | 117        | ۳        |                | Ι.            |          |  |          |                |          | Г        | T        |
| 1  | Ш        |          |                   |   |          |           |  | ,  |            | 60                                     | 68         | Ш              | П               | Т       |                | Τ                                      |          |          | Π.           | П            |          | 1   | 195           | 118        | 1        |                |               |          |  |          |                |          |          | T        |
| 10   |          | =        |                   |   |          | T         | П  | T  |            | 61                                     | 69         | V              | П               | T       | T              |  | Т        | Т        | Γ            | T            | T        |     | 106           | 119        | ΠT       |                |               | _        | 1  |          |                | 1        | $\top$   | T        |
| 4  |          | Т        |                   |   |          |           |  |  | 1          | 62                                     | ₹0         | 1              | П               | 1       | T              | 1                                      | $\top$   | †        | T            | !            | 1        | 1   |               | 120        | +        | -              | 1:            | Η.       | <del>                                     </del> | -        | H              | H        | ┼┈       | +-       |
| 6 21   |          | =        |                   | Н   |          | $\dashv$  | -  | _  | 1 .        |  | 71         |                | Н               | +       | ╁              | ┿                                      | +-       | ╁        | ┾╌           | -            | ╁        | 1   |               | 121        | +        | ┝              | -             | -        |  | ⊢        | -              | ├        | ⊢        | +-       |
| 7 22   | U        | 7        |                   | Н   | $\dashv$ | -         | -+   | +  | - 1        | 63                                     |            |                | H               | +       | +              | +                                      | -        | ╁        | -            | ⊢            | -        | ┨   | 102           |            | 4        | <u> </u>       | <u> </u>      |          | <u> </u>   |          | ļ              | <u> </u> | ├-       | ╁-       |
| 18 23  | 0        | ╁┼       | +                 | $\vdash$                                      | $\dashv$ | -+        | $\dashv$   |  | -          | 36                                     | 72<br>73   | V              | Н               | ╀       | +-             | -                                      | ⊢        | ┼        | -            | $\vdash$     | -        | 1   |               | 122        | 4        |                | _             |          | <u> </u>   |          | <u> </u>       | <u> </u> | <u> </u> | 1        |
| 9 24   |          | ₩        | +                 |   |          |           | $\dashv$   |  | 4          | 8                                      | 73         |                | V               | 1       | +-             | ┼                                      | ╀        | <b>├</b> | <u> </u>     | 上            | ↓_       | 1   | 109           | 123        | 1        | Ш              |               | _        |  | ļ        |                |          | L        | ↓_       |
| 2  | 10       | ╫        | - -               | $\vdash$                                      | $\dashv$ | -         | -  | -  | ┨ ,        | $\vdash$                               | 7          | 0              | ┡               | +       | 4              | ╀                                      | _        | _        | <u> </u>     | ļ            | _        | Į   | Ш             | 124        |          |                |               |          | <u> </u>   | L        | L              | L.,      |          | $\perp$  |
| 0 25   |          |          |                   |   |          | $\dashv$  | _  |  | - 1        | Ļ                                      | 7          | -              | L               | 1       | 4_             | $\perp$                                | <u> </u> |          | ᆫ            | _            | <u> </u> | 1   |               | 125        | L        |                |               |          |  |          |                |          |          | L        |
| 1 26<br>13 27                                |          | #        | -                 |   |          | _         |  |  |            | 66                                     | 76         | Щ              | Ε               | 1       |                | 1_                                     | ļ.,      |          | L            | L            |          | A   | ΙŔ            |            | J        |                |               |          |  |          | _              |          |          |          |
| 27   |          | #        |                   |   |          | _         | $\perp$  |  |            | 67                                     | 77         | Ш              | Ц               | ┸       |                | <u> </u>                               |          |          |              |              | L        | ] ` |               | 127        |          |                |               |          | Г  |          |                |          |          | Ţ.       |
| 3 28   |          | Ш        |                   |   |          |           |  | i_   | J I        | 68                                     | 78         |                |                 |         |                | Г                                      | Ι'''     |          |              |              | Г        | 1   | П             | 128        |          |                | _             |          |  |          | -              |          |          | $\vdash$ |
| 3 28<br>9 29                                 |          |          |                   |   |          |           | _  |  |            | 69                                     | 79         | V              | N               | 7       |                | Π                                      | Γ        | Γ        |              |              | Γ        | 1   |               | 129        |          |                |               |          |  |          |                |          |          |          |
| 30   | 0        | V        | П                 |   |          | $\neg$    |  |  | 1          |  | 20         | V              |                 | 7       | 1              |  |          |          |              |              | Τ        | 1   |               | 130        |          | _              |               |          | -  | -        |                | -        | -        | $\vdash$ |
| 34   |          | Π,       | ĺ                 | П   | $\neg$   |           | $\exists$  |  | 1 1        | 76                                     | 81         | <b>)</b>       | =               | :       | 1              |  | 1        |          |              |              |          |     | -             | 131        | $\neg$   |                |               |          |  |          |                | -        | 1        | ╆        |
| 632  | Ξ.       | =        |                   |   | $\neg$   | 7         | $\dashv$   | _  | 1 1        |  | 82         | $\vdash$       | 1               | +-      | 十              | -                                      | $\vdash$ | -        | -            |              | Ι.       | İ   |               | 132        | $\neg$   | $\dashv$       |               |          |  | -        |                | <u> </u> | $\vdash$ | ╁╌       |
| 33   | 1        | $\Gamma$ | ┪┈╴               | H   | 7        | 十         | $\dashv$   | $\dashv$   | 1 1        |  | 83         |                | Н               | +       | +-             | ╁╌                                     | H        |          | $\vdash$     | ┢            | -        | l   |               | 133        | -        |                | -             | -        |  | -        | -              | H        |          | ├        |
| 7 33<br>2 34                                 |          | #        | +                 |   | 十        | $\dashv$  | $\dashv$   |  | 1          |  | 84         | $\vdash$       | H               | +-      | +              | $\vdash$                               | -        | $\vdash$ | <del> </del> | -            |          |     |               | 134        | -        |                | -             | -        | Н  |          | $\vdash$       | $\vdash$ | -        | $\vdash$ |
| 9 35   | +#+      | +-       | +-                | $\vdash$                                      | $\dashv$ | $\dashv$  | +  | +  | <b>₹</b> ₽ |  | 85         | $\vdash$       | H               | +-      | +              | -                                      |          | $\vdash$ |              | <del> </del> | $\vdash$ |     | -             |            |          |                | $\dashv$      |          |  |          | $\vdash$       |          | <u> </u> | -        |
| 36   | +++      | ++-      | +                 | $\vdash$                                      | +        | $\dashv$  | -+   | +  | 4 1-       | $\rightarrow$                          | 86         | <del> </del> — | Н               | ╁       | <del> </del>   | $\vdash$                               | $\vdash$ |          | $\vdash$     | -            | $\vdash$ |     |               | 135        | -        |                |               | _        | _  |          | Щ              | Ш        | H        | <u> </u> |
| 2 37   | +++      | +-       | +-                |   | $\dashv$ |           | +  | +  |            | 75<br>76                               |            | Н              | Н               | +-      | $\vdash$       | $\vdash$                               |          | $\vdash$ | L            |              | <u> </u> |     |               | 36         | 4        |                | _             | _        |  | _        |                |          | _        | <u> </u> |
|  | H+       | ₩-       | +                 | $\vdash$                                      | -        |           | $\dashv$   |  | 4 ±        |  | _          |                | $\dashv$        | -       | 1              | -                                      | <u> </u> | <u> </u> |              | Ш            |          |     | $\rightarrow$ | 137        |          | ļ              | _             |          |  |          | $\sqcup$       |          |          | L        |
|  | ╁╁┼      | ₩-       | -                 | $\dashv$                                      |          | _         | _  | -  |            |  | 88         | Щ.             | 4               | 1       | ـــ            | <u></u>                                | L.,      |          |              |              | L.       |     | $\rightarrow$ | 38         |          |                | l             |          |  |          |                |          |          | L        |
| 3 39   | Ш        | ⊢ _      | 4-4               |   | _        | 4         | _  | $\bot$   | 1 1        | _                                      | 89         | Ш              | Ц               | 1       | 1_             | _                                      |          |          |              | L.           |          |     |               | 39         |          |                | I             | _]       | I  | _]       |                |          |          | Ľ        |
| 4 40   | Ш        | Ш        |                   |   |          |           |  | $\perp$  |            |  | 90         |                |                 |         |                | L                                      |          |          |              |              |          |     | -             | 40         | T        | Т              | T             | 7        | 7  |          |                | ٦        | ٦        |          |
| 5 41   | $\Pi L$  | レ厂       |                   |   | T        | Т         | T  |  |            | 30                                     | 91         |                | T               |         |                |  |          |          |              | $\neg$       |          |     | $\overline{}$ | 141        | 7        | 7              | _             | $\dashv$ | $\neg$   | 一        | $\dashv$       | 寸        |          | $\vdash$ |
| *  | IL       | $\top$   | $\sqcap$          | $\neg$  | 7        | $\top$    | $\top$   | 1  |            |  |            |                | $\top$          | 1       |                | Ι                                      |          | $\vdash$ |              |              |          |     | $\rightarrow$ | 42         | 7        | $\dashv$       | $\dashv$      | $\dashv$ |  |          | -              | $\dashv$ | $\dashv$ |          |
| 43   | 1        | =        | 1                 | 7   | $\dashv$ | _         | +  | $\top$   |            | ุราไ                                   | 93         |                | +               | t       | 1              | Н                                      |          |          | $\neg$       |              | -        |     |               | 43         | $\dashv$ | $\dashv$       | -             | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$       | $\dashv$ |          | _        |
| 7 44   |          | П        | $\dagger \dagger$ | _   | $\dashv$ | +         | +  |  |            | <del>-</del>                           | 4          | $\dashv$       | +               | +-      | 1              | $\vdash$                               |          | -        | $\dashv$     |              | $\vdash$ | ŀ   | $\rightarrow$ | 44         | $\dashv$ | -+             | $\dashv$      | -        | -  |          | {              |          |          |          |
| 9 45   |          | ++-      | +                 | +   | +        | +         | +  | +  |            | ېږ                                     | 0.5        | -              | +               | ⊢       |                | $\vdash$                               |          | $\vdash$ |              | -            | _        |     |               |            | -+       | $\dashv$       | $\dashv$      |          |  |          |                | -        | -        | -        |
| 0 46   | H +      | 1-       | +-1               | $\dashv$                                      | +        | +         | +  |  |            | 7                                      | 22         |                | +               | +       | $\vdash$       | -                                      |          | $\dashv$ |              | $\dashv$     | _        | }   | _             | 45         |          | $\dashv$       | -             | 4        | -4   |          | _              | -4       |          | لــــ    |
| 7 40   | +++      | H        | +                 | $\dashv$                                      | -+       | -+-       | -  |  |            | 35                                     | 90         |                | 4               | ₩       | ₩              | Н                                      |          | -        | 4            |              | _        | ļ   |               | 46         | 4        |                | _             | _        | _  | _        | _              | _1       | _        | اا       |
| U 47   | -        | 1        | -                 |   | 4        | _         |  | -  | 1          | <b>لاد</b> ا                           | 97         | _              | 1               | 1       | <del> </del> _ | Ш                                      |          |          | _            |              |          | Į   |               | 47         | ┙        |                |               |          |  | $\Box$   |                |          |          |          |
| 443<br>7 44<br>8 45<br>9 46<br>0 47<br>11 48 | H        | 1        | 1-1               |   | _        |           | 4  |  | 1          | 81<br>83<br>84<br>85<br>86<br>87<br>88 | 98         |                | 1               | $\perp$ | _              | Ш                                      |          |          |              |              |          | ĺ   |               | 48         | $\Box$   |                |               |          |  | $\Box$   | $ \mathbb{J} $ | $\Box$   |          |          |
| <b>2</b> 49<br><b>4</b> 50                   | W,       | Ц.,      | $\sqcup$          | _   | _        |           |  |  |            |  |            |                | <u>1</u>        | L       |                |  |          |          |              | _]           |          | [   |               | 49         | J        | $\Box$         |               |          |  |          | T              | T        | T        |          |
|  |          | :        | 1 1               | - 1   | - 1      | - 1       | - 1  | 1  | 1          | 7                                      | 80         | I              |                 | 1       | 1              | 1 7                                    | 1        |          | 7            | 7            |          | - [ | - 4           | 50         | -7       | T              | $\neg$        | $\neg$   | $\neg$   |          | 7              | $\neg$   | $\neg$   |          |

If more than 150 claims or 10 actions staple additional sheet here